

# BRUMIS IMPORTS, INC.

## TEST REPORT

**SCOPE OF WORK**

EMC TESTING—PWRD0001R

**REPORT NUMBER**

260203010GZU-002

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## TEST REPORT

Applicant Name & : BRUMIS IMPORTS, INC.  
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Manufacturing Site : Same as applicant  
Intertek Report No: 260203010GZU-002  
FCC ID: 2AM49-PWRD0001R

## Test standards

**47 CFR PART 1, Subpart I, Section 1.1310**  
**KDB 680106 D01 RF Exposure Wireless Charging App v03r01**

## Sample Description

Product : 3-In-1 RGB GAMING HEADPHONE STAND  
Model No. : PWRD0001R  
Electrical Rating : DC5V/2.4A  
**Serial No.** : Not Labeled  
Date Received : 03 February 2026  
Date Test : 16 March 2026  
Conducted

Prepared and Checked By



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## TEST REPORT

### 1.0 TEST RESULT SUMMARY

Classification of EUT: Class B

| Test Item | Standard                                 | Result |
|-----------|------------------------------------------|--------|
| EMF       | 47 CFR PART 1, Subpart I, Section 1.1310 | PASS   |

Remark:

When determining the test results, measurement uncertainty of tests has been considered.

## TEST REPORT

### 2.0 General Description

#### 2.1 Product Description

|                     |                             |
|---------------------|-----------------------------|
| Operating Frequency | 111KHz~130KHz               |
| Type of Modulation: | MSK modulation              |
| Antenna Type        | Inductive loop coil antenna |
| Power Supply:       | 120VAC, 60Hz                |
| Power cord:         | N/A                         |

#### 2.2 Test Facility

Room102/104, No 203, KeZhu Road, Science City, GETDD Guangzhou, China

A2LA Certificate Number 0078.10

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch is accredited by A2LA and Listed in FCC website. FCC accredited test labs may perform both Certification testing under Parts 15 and 18 and Declaration of Conformity testing.

#### 2.3 EUT Exercising Software

Once it's powered, it keeps transmitting.

#### 2.4 Special Accessories

N/A

#### 2.5 Equipment Modification

Any modifications installed previous to testing by BRUMIS IMPORTS, INC. will be incorporated in each production model sold / leased in the United States.

No modifications were installed by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch.

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### 2.6 Support Equipment List and Description

This product was tested with corresponding support equipment as below:

Support equipment

| Description            | Model No. | Rating | Supplied by |
|------------------------|-----------|--------|-------------|
| Wireless charging load | F18/19    | 5W     | Intertek    |

**Remark:** Wireless charging load was the client devices, it's selected such that the EUT was fully exercised at maximum power from its transmitter.

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above evaluated respectively

| Pre-test mode | Description                    |                                                                                                                                 |
|---------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Standby Mode  | kept transmitting continuously |                                                                                                                                 |
| Charging Mode | CH: Low                        | Wireless charging load is charging at 1% battery power, 50% and 99% battery power respectively, keep transmitting continuously. |
|               | CH: Middle                     |                                                                                                                                 |
|               | CH: High                       |                                                                                                                                 |

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### 3.0 EMF TEST

#### 3.1 Standard Requirement

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 0.1m normally can be maintained between the user and the device.

##### (a) Limits for Occupational / Controlled Exposure

| Frequency Range (MHz) | Electric Field Strength (E) (V/m) | Magnetic Field Strength (H) (A/m) | Power Density (S)(mW/cm <sup>2</sup> ) | Averaging Times  E  <sup>2</sup> ,  H  <sup>2</sup> or S (minutes) |
|-----------------------|-----------------------------------|-----------------------------------|----------------------------------------|--------------------------------------------------------------------|
| 0.3-3.0               | 614                               | 1.63                              | (100)*                                 | 6                                                                  |
| 3.0-30                | 1842/f                            | 4.89/f                            | (900/f)*                               | 6                                                                  |
| 30-300                | 61.4                              | 0.163                             | 1.0                                    | 6                                                                  |
| 300-1500              | --                                | --                                | F/300                                  | 6                                                                  |
| 1500-100000           | --                                | --                                | 5                                      | 6                                                                  |

##### (b) Limits for General Population / Uncontrolled Exposure

| Frequency Range (MHz) | Electric Field Strength (E) (V/m) | Magnetic Field Strength (H) (A/m) | Power Density (S)(mW/cm <sup>2</sup> ) | Averaging Times  E  <sup>2</sup> ,  H  <sup>2</sup> or S (minutes) |
|-----------------------|-----------------------------------|-----------------------------------|----------------------------------------|--------------------------------------------------------------------|
| 0.3-1.34              | 614                               | 1.63                              | (100)*                                 | 30                                                                 |
| 1.34-30               | 824/f                             | 2.19/f                            | (180/f)*                               | 30                                                                 |
| 30-300                | 27.5                              | 0.073                             | 0.2                                    | 30                                                                 |
| 300-1500              | --                                | --                                | F/1500                                 | 30                                                                 |
| 1500-100000           | --                                | --                                | 1.0                                    | 30                                                                 |

Note: f=frequency in MHz; \*Plane-wave equivalent power density

## TEST REPORT

### 3.2 Test Data

Input Voltage: 120V/60Hz  
Ambient Condition: 22.1°C, 53.6%RH

Test distance: 20 cm.  
The report only retains the worst data at 129KHz.

H-Filed Strength:

| Test Position | Probe Measure Result (A/m) |                             |                             | 50% Limit (A/m) | Limit (A/m) |
|---------------|----------------------------|-----------------------------|-----------------------------|-----------------|-------------|
|               | Mobile in 1% battery power | Mobile in 50% battery power | Mobile in 99% battery power |                 |             |
| Side 1        | 0.058                      | 0.061                       | 0.062                       | 0.815           | 1.63        |
| Side 2        | 0.066                      | 0.071                       | 0.070                       | 0.815           | 1.63        |
| Side 3        | 0.074                      | 0.073                       | 0.069                       | 0.815           | 1.63        |
| Side 4        | 0.066                      | 0.070                       | 0.071                       | 0.815           | 1.63        |
| Top           | 0.062                      | 0.057                       | 0.055                       | 0.815           | 1.63        |

MPE ratio:  
 $0.074 \text{ (A/m)} / 0.815 \text{ (A/m)} = 0.0908$

### 4.0 Test Equipment List

| Equip. No. | Equipment             | Model   | Manufacturer | Cal. date  | Due date   |
|------------|-----------------------|---------|--------------|------------|------------|
| EM007-03   | Exposure Level Tester | ELT-400 | NARDA        | 09/03/2026 | 08/03/2027 |

\*\*\*\*\*End of the test report\*\*\*\*\*